

## Preliminary Classification:

Proposed Class: 514

Subclass:

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450



## NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Emily J. Reinhard; Stephen A. Kolodziej; David R. Anderson; Nathan W. Stehle;  
William F. Vernier; Len F. Lee; Shridhar G. Hegde

For (title): METHOD OF USING AMINOCYANOPYRIDINE COMPOUNDS AS MITOGEN  
ACTIVATED PROTEIN KINASE-ACTIVATED PROTEIN KINASE-2 INHIBITORS

**1. Type of Application**

This application is for an original (nonprovisional).

**2. Papers Enclosed****EXPRESS MAILING UNDER 37 C.F.R. § 1.10\****(Express Mail label number is mandatory.)**(Express Mail certification is optional)*

I hereby certify that this paper, along with any document referred to, is being deposited with the United States Postal Service on this date December 5, 2003 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 as "Express Mail Post Office to Addressee" Mailing Label No. EL 999246885 US.

Date:

12/5/03Debra Dunn-Brown

Type or print name of person mailing paper

Debra Dunn-Brown  
Signature of person certifying

**WARNING:** Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

**\*WARNING:** Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

**A. Required for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application**

234 Page(s) of Specification  
65 Page(s) of Claims  
2 Sheet(s) of Drawing(s)--Informal

**B. Other Papers Enclosed**

1 Page(s) of Title Page  
1 Page(s) of Abstract  
21 Page(s) of Declarations and Powers of Attorney  
1 Page(s) of Express Mail Certificate  
1 Page(s) of Fee Transmittal Sheet  
7 Page(s) of Patent Application Data Sheet  
1 Page(s) of Check No. 23755 for \$1,362.00  
1 Page(s) of Return Postcard

**3. Declaration or Oath**

Enclosed

Executed by:

inventors.

**4. Inventorship Statement**

The inventorship for all the claims in this application is the same.

**5. Language**

English

**6. Fee Calculation (37 C.F.R. § 1.16)**

Regular Application

CLAIMS AS FILED										
		Number Filed		Number Extra		Rate		Basic Fee 37 C.F.R. § 1.16(a) \$770.00		
<hr/>										
Total Claims (37 C.F.R § 1.16(c))		32	–	20	=	12	x \$	18.00	= \$	216.00
<hr/>										
Independent Claims (37 C.F.R § 1.16(b))		4	–	3	=	1	x \$	86.00	= \$	86.00
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Multiple Dependent Claim(s),  
if any (37 C.F.R. § 1.16(d))

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\$

\$

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Filing Fee Calculation

\$1,072.00

**7. Fee Payment Being Made at This Time**

Enclosed

Filing Fee

\$1,072.00

**Total Fees Enclosed**

**\$1,072.00**

**8. Method of Payment of Fees**

Attached is Check No. 23755 in the amount of \$1,072.00.

Charge any additional fees required by this paper or credit any overpayment to Account No. 50-1548.

A duplicate of this paper is attached.

**9. Instructions as to Overpayment**

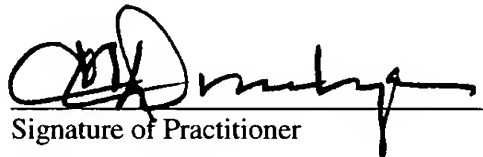
Credit Account No. 50-2548.

Date:

Dec. 5, 2003

Reg. No.: 35,124

Tel. No.: 864-250-2238



Signature of Practitioner

Charles E. Dunlap

Nelson Mullins Riley & Scarborough, LLp

P.O. Box 11070

Columbia, SC 29211-1070

Practitioner's Docket No. 18438/09029

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Emily J. Reinhard, Stephen A. Kolodziej, David R. Anderson, Nathan W. Stehle,  
William F. Vernier, Len F. Lee and Shridhar G. Hegde

Application No.

Group No.:

Filed:

Examiner:

For: METHOD OF USING AMINOCYANOPYRIDINE COMPOUNDS AS MITOGEN ACTIVATED  
PROTEIN KINASE-ACTIVATED PROTEIN KINASE-2 INHIBITORS

Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

"Express Mail" label number EL 999246885 US

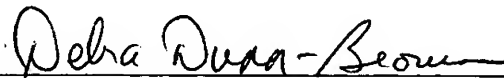
Date of Deposit December 5, 2003

I hereby state that the following *attached* paper or fee

1. Fee Transmittal Sheet (1 page)
2. New Application Transmittal with duplicate (3 pages each)
3. Patent Application Data Sheet (7 pages)
4. Non-Provisional Application with Title Page and Abstract (301 pages)
5. Informal Drawings (2 pages)
6. Declarations and Powers of Attorney (21 Pages)
7. Check No. 23755 for \$1,072.00 (1 page)
8. Return Postcard (1 page)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Debra Dunn-Brown



Signature of person mailing paper or fee

16805 U.S. PTO  
120503

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 1,072.00

## Complete if Known

Application Number	Not Yet Assigned
Filing Date	December 5, 2003
First Named Inventor	Reinhard et al.
Examiner Name	Not Yet Assigned
Art Unit	Not Yet Assigned
Attorney Docket No.	18438/09029

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit  
Account  
Number  
Deposit  
Account  
Name

50-2548

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee, to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	770
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$ ) 770.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below	Fee Paid
Total Claims	32	-20** =	12	X 18	= 216
Independent Claims	4	-3** =	1	X 86	= 86
Multiple Dependent				0	= 0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 302.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ )

## SUBMITTED BY

Name (Print/Type)	Charles E. Danlap	Registration No. (Attorney/Agent)	35,124	Telephone	864-250-2238
Signature		Date	December 5, 2003		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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